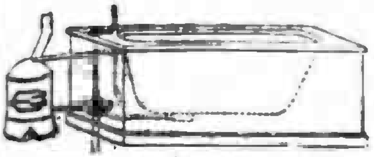
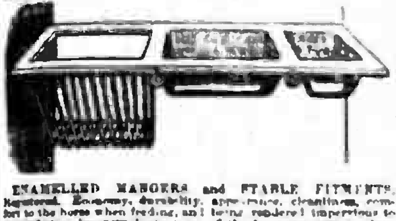


BATHS.—J. TYLOR and SON'S

REGISTERED APPARATUS, consisting of Copper or Galvanized Iron Bath (japanned in imitation of woods or marbles), fixed in Frame complete, with Copper Circulating Boiler and Cock with Index-plate for the supply and waste water. This apparatus is complete in itself, and can be fixed without the assistance of bricklayer or carpenter. A warm bath can be ready for use in less than half an hour, at the cost of 1d. for fuel. Price [illegible] guineas.—Apply to the Ironmongers and Plumbers, or the manufacturers, J. TYLOR and SON, Warwick-lane, London.

PRIZE MEDAL of the Great Exhibition.

COTTAM and HALLEN, 2, Winsley-street, Oxford-street, London.



ENAMELLED MANGERS and STABLE FITMENTS, Registered. Economy, durability, appearance, cleanliness, comfort to the horse when feeding, and being rendered impervious to any infusion by contact, are some of the improvements in these fitments. No post or front boarder required in fixing.—COTTAM and HALLEN, 2, Winsley street, Oxford street, London.

BRAMAH and CO., ENGINEERS and

FOUNDERS, LONDON.

BRAMAH'S PATENT LOCKS.
BRAMAH'S PATENT VALVE WATERCLOSETS.
BRAMAH'S PATENT HYDRAULIC PRESSES.
BRAMAH'S PATENT QUILL PENS and HOLDERS.

Wrought-iron and Fire-proof Doors, Frames, &c., for strong rooms.

Fire-proof Iron Chests.
Tin and Despatch Boxes, &c.

Warehouse, 124, PICCADILLY: all Bramah and Co.'s Locks, &c. bear this address; none others are made by them.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR

LOCKS give perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c., is simple in construction, low in price, and quite secure. The keys are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c., made entirely of strong wrought-iron, so as effectually to resist the falling of brick-work, timber, &c., in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

CHUBB and SON, 57, St. Paul's Churchyard, London.

GREAT FIRES in MARK-LANE and

SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of immense value have been preserved uninjured by "LEADBEATER'S PATENT FIRE-PROOF SAFES." LEADBEATER'S STRONG WROUGHT-IRON FIRE-PROOF BOOK SAFES, CHESTS, and DOORS, for Strong Rooms, Plate Closets, and Party-walls, &c., of best make, and possessing all the most recent improvements, are the best depositories for property of every description in the world; extra-strong Cash and Deed Boxes, with Detector Locks; Patent Detector Locks and Latches for all purposes. LEADBEATER, PATENTEE and MANUFACTURER of the much approved Ventilating and Down-draught-preventing CHIMNEY-POT. This desirable article is found to be the most effectual cure for Smoky Chimneys ever yet before the public, and is adapted to every style of Architecture.

A large assortment on hand at LEADBEATER'S MANUFACTORY, 125, ALDERSGATE-STREET, CITY of LONDON, where Prospectuses may be had.

LEADBEATER, many years Manufacturer for Chubb.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION,

bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Market Places, Roads, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, kept for Hire.

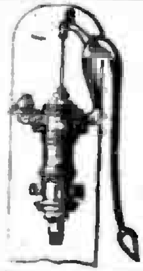
BENJ. FOWLER (late of 63, Dorset-street), removed to the new Factory, Whitefriars-street, Fleet-street.

TO BUILDERS AND PLUMBERS.

THE attention of the

Trade is called to

JOHN WARNER & SONS'
PATENT VIBRATING
STANDARD PUMP,



which is recommended for the simplicity of its construction, and the ease with which it works.

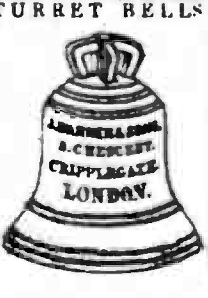
By the introduction of the vibrating standard the cumbrous carriage and expensive slings and guides are unnecessary, rendering the price considerably less than pumps made on the old plan.

Beer and Water Engines, for raising fluids from a depth not exceeding 28 feet; also, Garden Engines constructed on the same principle.

JOHN WARNER & SONS,
8, Crescent, Jewin-street, London,
Manufacturers and Patentees.

CHURCH and TURRET BELLS

cast to any weight, and tuned. Ship, plantation, house, shop, cup, and clock bells of any size.



MUSICAL HAND BELLS

Tuned to the chromatic scale, with improved clappers, and hung on a new system, which gives a superior tone and facility for ringing.

Memorial Brasses, Pulpit Lights, and Brackets, &c.

Old Bells recast or taken in exchange.

J. WARNER AND SONS,
BELL FOUNDERS,
ENGINEERS, &c.

FOUNDRY AND IRON WORKS.

169, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes and Steam engines; Range and Hot-plate Metal. An improved Seat [illegible] adapted for internal work.

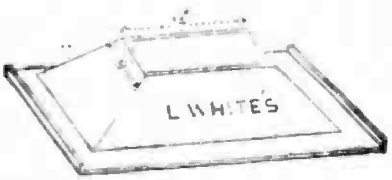
A large stock of Rain-water Pipes, Plain and O.G. Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases to pattern cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof floors, Book safes and Strong Rooms, Tanks and Boilers, and every description of iron work to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRON WORKS,
169, DRURY-LANE, and CHARLES STREET.

IMPORTANT TO BUILDERS.



REGISTERED CAST-IRON CHIMNEY

HOPPER and CHIMNEY BAR COMBINED, forming a perfect formation of the [illegible] which renders smoking [illegible] impossible. One trial will cause their adoption in every [illegible].

Price from [illegible] each, [illegible]

Rain-water Pipe [illegible] per yard.
Eave Gutter [illegible]

[illegible] STABLE FITTINGS [illegible] and COLUMNS [illegible] and every kind of builders' castings in stock, at L. and H. WHITE'S Iron Wharf, Upper Ground street, Lambeth, near Blackfriars bridge.

IRON HURDLES.—Great Reduction.—

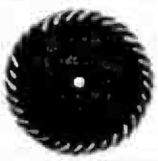
For Sheep, 6 ft. long, [illegible] each.
For Cattle ditto [illegible] ditto [illegible] each.
Strained Wire Fence, [illegible] wires,
standards, 6 ft. apart [illegible] per yard.
Ditto with Extra Strong Standards [illegible] per yard.

Wire netting for excluding hares, rabbits, poultry, &c. [illegible] wrought and cast-iron palisading, gates, and ornamental garden fences, of every variety. Oat and bean bruisers, with iron frame and hopper, [illegible] chaff engines, of best construction [illegible] with two knives to cut sixteen bushels per hour [illegible] stable pumps [illegible] Wrought-iron wire [illegible]

STEPHENSON and FEILL, [illegible], City; and at the Manufactory, 12, New Park-street, Southwark.

BLAKE and PARKIN,

MEADOW WORKS, SHEFFIELD,



Manufacturers of [illegible] and [illegible] improved Cast Steel Files, for the use of engineers and machinists, patent [illegible] and other knives and cutters, [illegible] for planing and grooving wood, for cutting paper, [illegible], leather, &c. made to any pattern, or [illegible] with the utmost precision. Warranted to work with a harder and finer edge than any other made of temper. [illegible] of [illegible] steel for taps, [illegible] Manufacturers of railway springs, blister, shear, and cast steel, &c. &c.

C. PARKIN, Agent, [illegible], City.

PRIZE MEDAL IRON SHUTTER.

BUNNETT AND CO., ENGINEERS,

ORIGINAL PATENTEES OF REVOLVING IRON SHUTTERS,

Respectfully recommend their

NEW PATENT CURVILINEAR REVOLVING IRON SHUTTER,

For which the PRIZE MEDAL of the GREAT EXHIBITION has been awarded.

This Shutter is far superior in STRENGTH, DURABILITY, and APPEARANCE to the CONVEX or any other Revolving Iron Shutter. The adoption of the terms of Bunnett and Co.'s advertisements, and the imitation [illegible] without regard to quality, has caused numerous complaints, and tended in some degree to bring such works into [illegible], many persons not being aware that there are other makers.

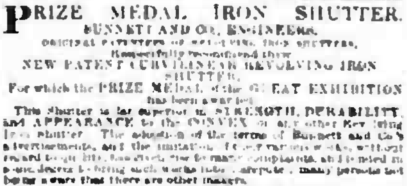
Bunnett and Co. have therefore made such improvements and additions to their extensive plant of machinery as will enable them successfully to compete with the lowest prices of other makers, without impairing the well-known quality of their own works, and they earnestly solicit a comparison of their New Patent Revolving Iron Shutters with any others, which will at once prove them to be the best and very much the cheapest in the end, and a saving of great and constant annoyance by their not getting out of order.

Patentees and Manufacturers of Ornamental Metallic Sash Bars, Stall Board Plates, &c., for Shop Fronts, &c. &c. &c.

Offices, 26, LOMBARD-STREET, LONDON.
Works—DEPTFORD, KENT.

CONVEX REVOLVING SHUTTERS,

IN IRON AND WOOD.



CLARK and CO., 31, Chancery-lane, and Tunnel Iron Works, Wapping, Engineers and Manufacturers of Revolving Iron and Wood Shutters, Brass and Zinc Sash Bars for Shop Fronts, Stall Boards and Name Plates. Testimonials and prospectuses forwarded on application.—Clark and Co. defy competition.

MESSRS. C. AND CO. DID NOT EXHIBIT AT THE GREAT EXHIBITION.

REVOLVING SAFETY WOOD and

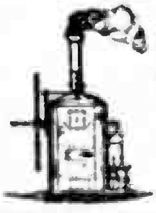
IRON SHUTTERS.—BUXELL, Patentee, 91, Regent-street, and at his Steam-works, 133, Old-street. These shutters have fully borne out their superiority over other revolving shutters for security, durability, and simplicity. References can be given to noblemen whose mansions are fitted herewith, and numerous large establishments, where some are fixed measuring upwards of 400 square feet in one shutter, and which are opened and closed in a few moments with the greatest possible ease, without the use of machinery. The Patentee manufactures Brass Sash Bars, Stall Board Plates, &c.

COLLINGE'S PATENT HINGES.—Sole

Manufacturers, CHARLES COLLINGE and Co., 65 and 66, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, [illegible] and other gates and doors. Large and small [illegible] with these hinges as easily as a [illegible]. Ornamental hinges, adapted for drawing-rooms, &c., doors fitted with them may be removed and replaced in an instant. Rising and double-acting spring hinges, and superior gate [illegible], at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought iron work for building and other purposes. Engines, machinery, patent axletrees, [illegible], &c.

GODSON'S SMOKE-CONSUMING

FURNACE may be seen daily in operation at Messrs. [illegible], [illegible]-street; Mr. [illegible]; or at Mr. [illegible] Iron Merchant and Wholesale Ironmonger, 72, Aldersgate-street.



A SAVING of TIME

and MATERIALS with solidity [illegible]

NATHAN GOUGH'S PATENT PORTABLE STEAM-ENGINES of [illegible] horse power, for grinding mortar, raising building materials, driving piles, circular saws, pumps, &c. [illegible], Manchester.

TESTIMONIAL.

[illegible]

[illegible] Westminster,

[illegible]

Mr. Nathan Gough.

Sir,—I have to Mr. Barry the pleasure [illegible] of the [illegible] for a continuance of the working of three steam-engines [illegible] have supplied to the New Houses of Parliament at Westminster [illegible], that they have fully answered the purposes for which they were required, viz., [illegible] the building materials [illegible] with very little repairs, and with considerable economy of fuel.—I am, Sir, your obedient servant,

For Mr. CHARLES BARRY,

[illegible]

WIRE-WORK for CEILINGS,

manufactured by BUTLER and SON.

Plain Wirework [illegible] per square foot.
Galvanized [illegible]

Where used for [illegible], [illegible] window blinds, &c. At [illegible] Wire Works [illegible] street, [illegible] lane, London.

WIRE-CEILING.—SECURITY FROM

FIRE. The [illegible] WIRE CEILING is reduced in price to [illegible] per square foot. It has been successfully applied to the [illegible] asylums. The ceilings are perfect, not a crack in them. There is neither contraction, expansion, nor absorption in the Wire, and it may be preserved by the mortar for a thousand years. It has been subjected to the severest test; the Wire has been bound round a thick [illegible], and every effort used by the strongest men to produce [illegible] without effect.

ALLDAY and SON, [illegible], Birmingham.

[illegible]

GALVANIZING & CORRUGATING IRON

COMPANY.

JOHN SYMONS [illegible], Manager.

The Company having made considerable improvements in the mode of working CRAWFORD'S PATENTS, and being able to galvanize larger work than was done [illegible] are in a position to execute orders to any extent, in a manner hitherto unequalled, and respectfully solicit the favours of builders, contractors, and others.

ON HAND, sheets, plain or corrugated, [illegible], railway stations, &c.—fitted [illegible] if required. Wire, piping, guttering, &c., for home use and exportation.

[illegible] galvanized [illegible] within three miles of the Tower [illegible] by Noon [illegible] will be returned the same [illegible] if required.

OFFICES, [illegible], MINORIES.

WORKS—[illegible] LEE-YARD, opposite the London [illegible]

[illegible] discount [illegible] the trade.

THE PATENT GALVANIZED IRON.

TUPPER and CARR,

Owners of Crawford's Patents, and Successors to

THE GALVANIZED IRON COMPANY.

Supply patent galvanized sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, [illegible], Wire of all gauges, [illegible] Hooping, &c. Wholesale, retail, and for export.

An allowance to the trade.

WORKS—MILLWALL and BIRMINGHAM.
LONDON OFFICE, 3, MANSION-HOUSE PLACE.

IRON BUILDING and ROOFING

WORKS,

BIRMINGHAM, late of Southwark.

JOHN H. PORTER,

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, [illegible], gas works, warehouses, factories, &c. &c.

PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

THE CORRUGATED and GALVANIZED

IRON ROOF,

PORTABLE BUILDING AND
NASMYTH'S PATENT FLOORING, ROOFING, AND
GIRDER WORKS.

Offices, 63, Gracechurch-street.

JOHN WALKER, one of the Patentees of Corrugated Iron, calls the attention of Architects, Engineers, &c., to his List of Prices, which, consistently with good workmanship, are extremely low.

Models of the patent iron flooring, corrugated or not, as desired; also, drawings of roofs on peculiar principles, may be had on application.

Drawings of the iron lighthouse spoken of in the Times and other papers see the Engineer for February [illegible], may be seen by application.

References to firms of the highest class can be given.

NASMYTH'S PATENT

WROUGHT-IRON Fire-proof Flooring.

JOHN WALKER, Sole Manufacturer and Licensee.

Offices, 63, Gracechurch-street.

FIRE-PROOF FLOORS.

The late lamentable accident in Gracechurch-street serves to prove that where cast iron is the foundation on which floors, &c. are made, much dependence cannot be placed on it. This induces John Walker to earnestly solicit the attention and inspection of Architects, Engineers, &c. to Mr. G. NASMYTH'S PATENT FLOORING, of which J. W. is the sole licensee and manufacturer. The material is wrought iron, and therefore not subject to sudden fracture, as cast-iron is; and wood is not introduced.

Descriptive pamphlets may be had, models may be seen, and every information obtained, at JOHN WALKER'S OFFICES, 63, Gracechurch-street.

MANUFACTURER OF CORRUGATED IRON.

TO BUILDERS, CONTRACTORS, ENGINEERS, EMIGRANTS, AND OTHERS.

THOMAS ALCHIN begs to inform his

friends and the public that he is now manufacturing from GALVANIZED IRON every description of work suitable to building purposes, including corrugated, [illegible], and Flat Sheet Iron for Roofing, Iron Tanks, Cast and Wrought Iron Guttering, Rain-water Pipes, Heads, Shoes, Angle Iron, Hooping, Chimney-tops, Cowls, Rod and Wire Fencing, Furnace Pans, &c. &c., at the

GALVANIZED IRON WORKS,
Regent's-canal Basin, Commercial-road, Limehouse.

A liberal discount to the trade. Estimates given for town or country work.